

FIG. 1

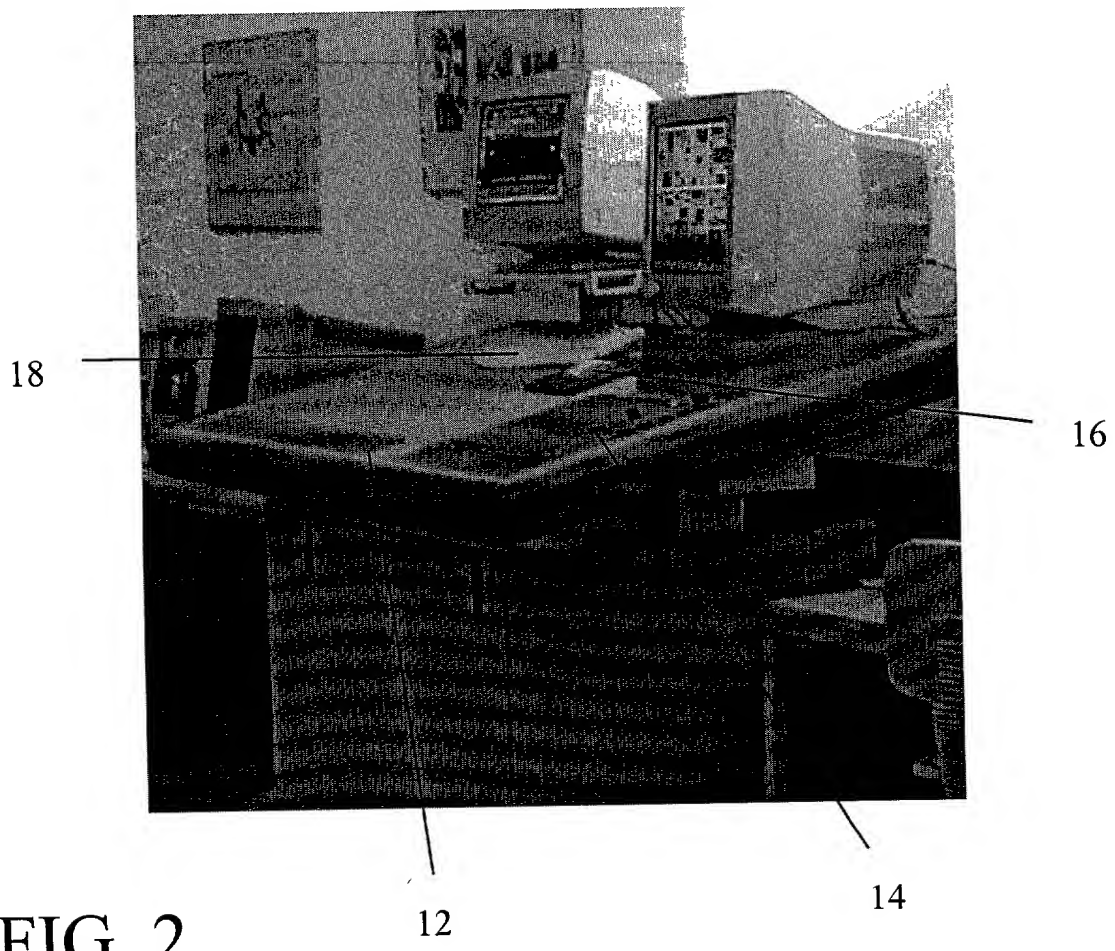


FIG. 2

FIG. 1 is a close-up view of a computer system. FIG. 2 is a photograph of a computer workstation in a room.

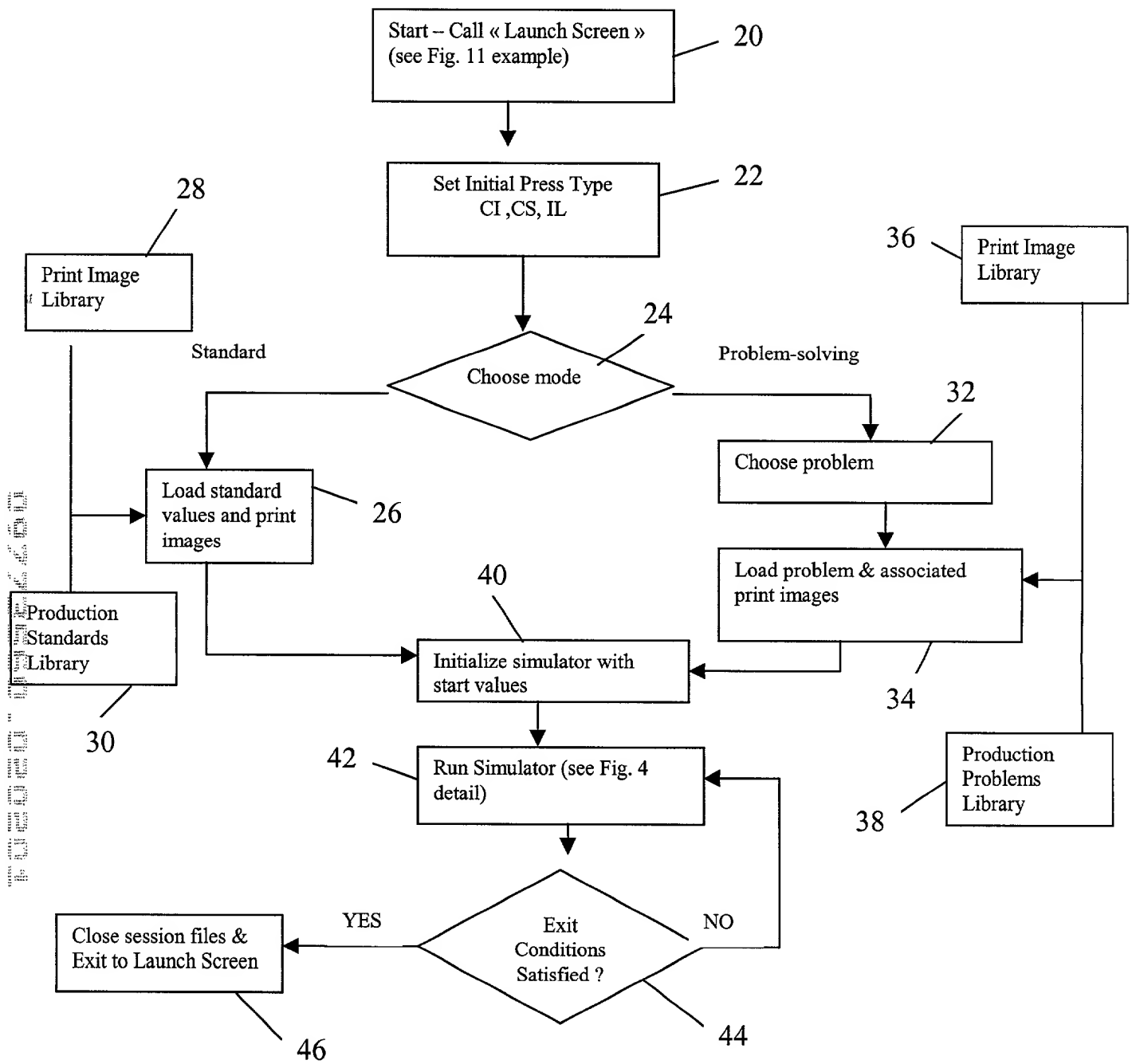


FIG. 3

FIG. 4

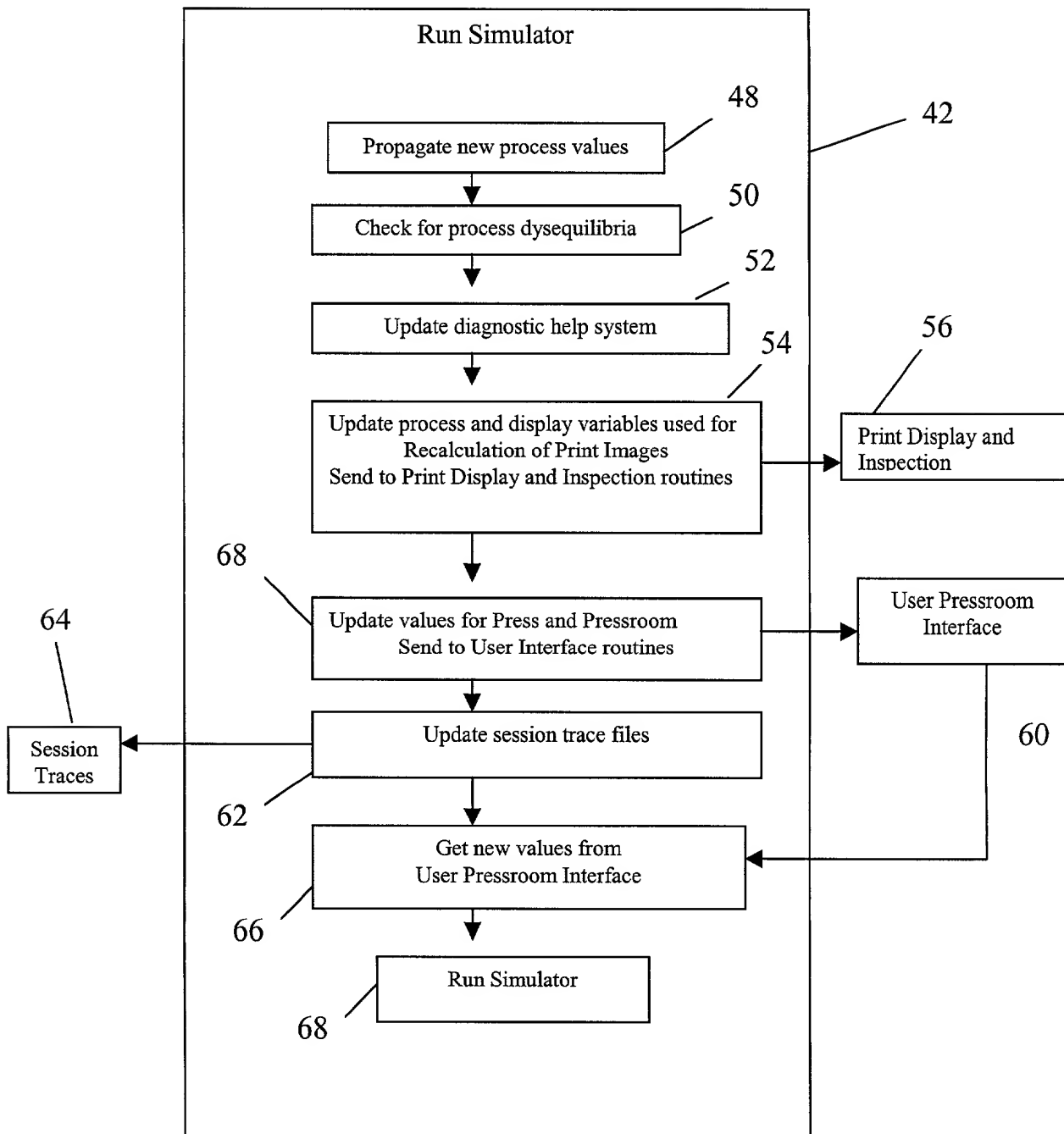


FIG. 5

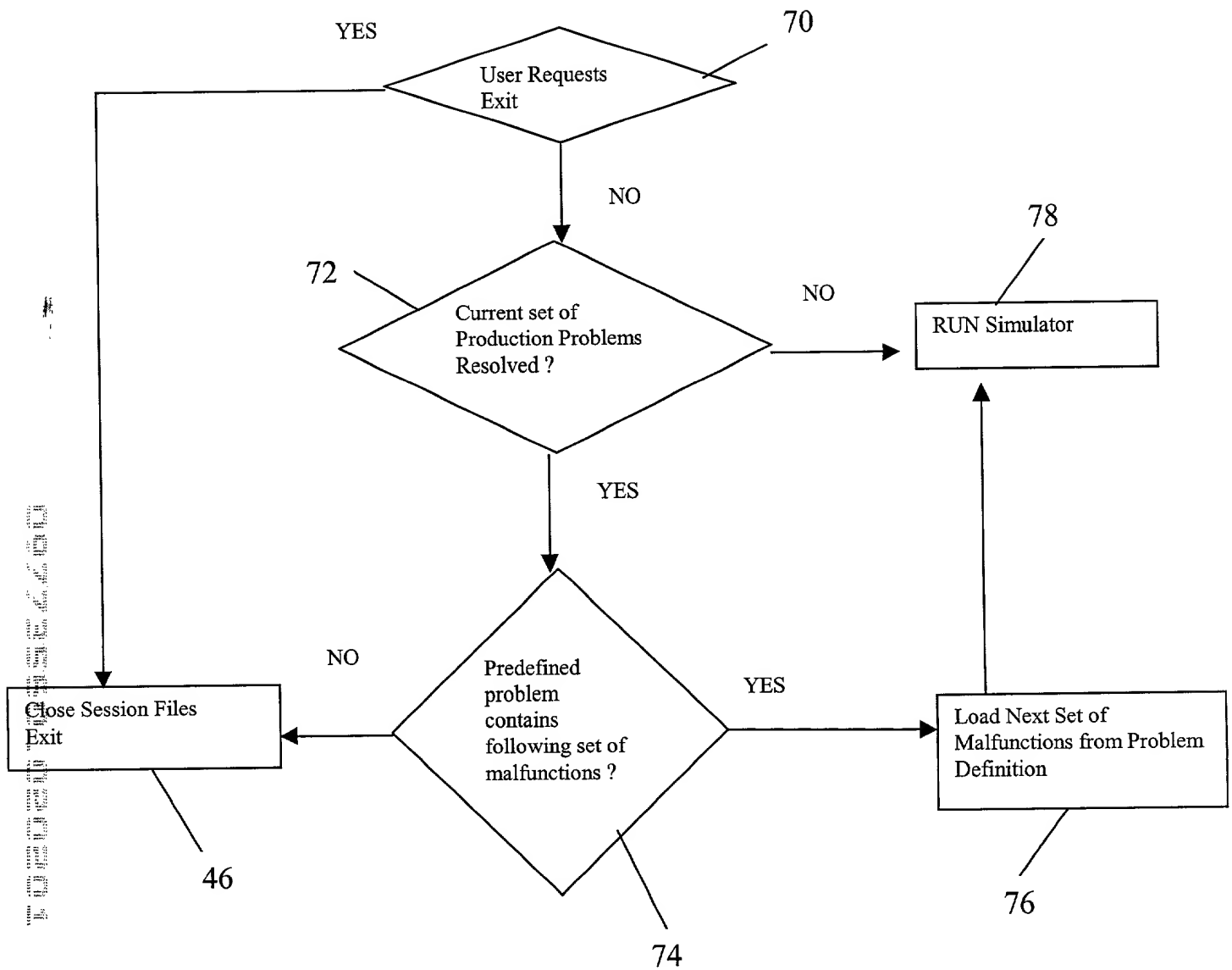


FIG. 6

Process Faults and Print
Calculation Variables

80

82

Print Display Functions

- Update Color plane and materials surface information with process faults
- Recombine all color planes and surface information to simulate new "printed copy"
- Choose Relative Surface to be displayed or zoomed (full or partial print area)
- Choose Display update mode (automatic or on-demand)
- Choose Point in print process to view sample print (after all print and handling – or at any point in the sequence)
- Choose to see "proof" compared to current print – or only current print

FIG. 7

Session Files

86

84

Print Inspection Functions (Quality Control) (can compare values on proof to values on print)

- Use simulated Magnifier to inspect dots
- Use simulated Spectrophotometer to measure CIE, LAB, Delta E values
- Compare control strips
- Get VOC reading
- Simulate "tape test" to measure adhesion
- Use simulated Densitometer to measure Density, Dot Gain, Trapping

Send history of quality control inspection to session files

FIG. 8

60

Control Panel Interaction (see samples from Different Press Types)

1. Choose Control Function (eg. Speed, temperature, tension, pressure, ink values, ..
2. Choose type of interaction
3. Enter Value
4. Send new values to simulator- receive new display information from Simulator
5. Consult "Job ticket" – compare to current values
6. Access first level of diagnostic information

Press Component Interaction (see samples)

1. Access Component
2. Choose Subcomponent(s)
3. Choose type of interaction (check, act)
4. Verify Information -> interaction with process value data base
5. Change press values – send new values to simulator (variable, new values, cost and time information)
6. Access multimedia links
7. Create new multimedia links

FIG. 9

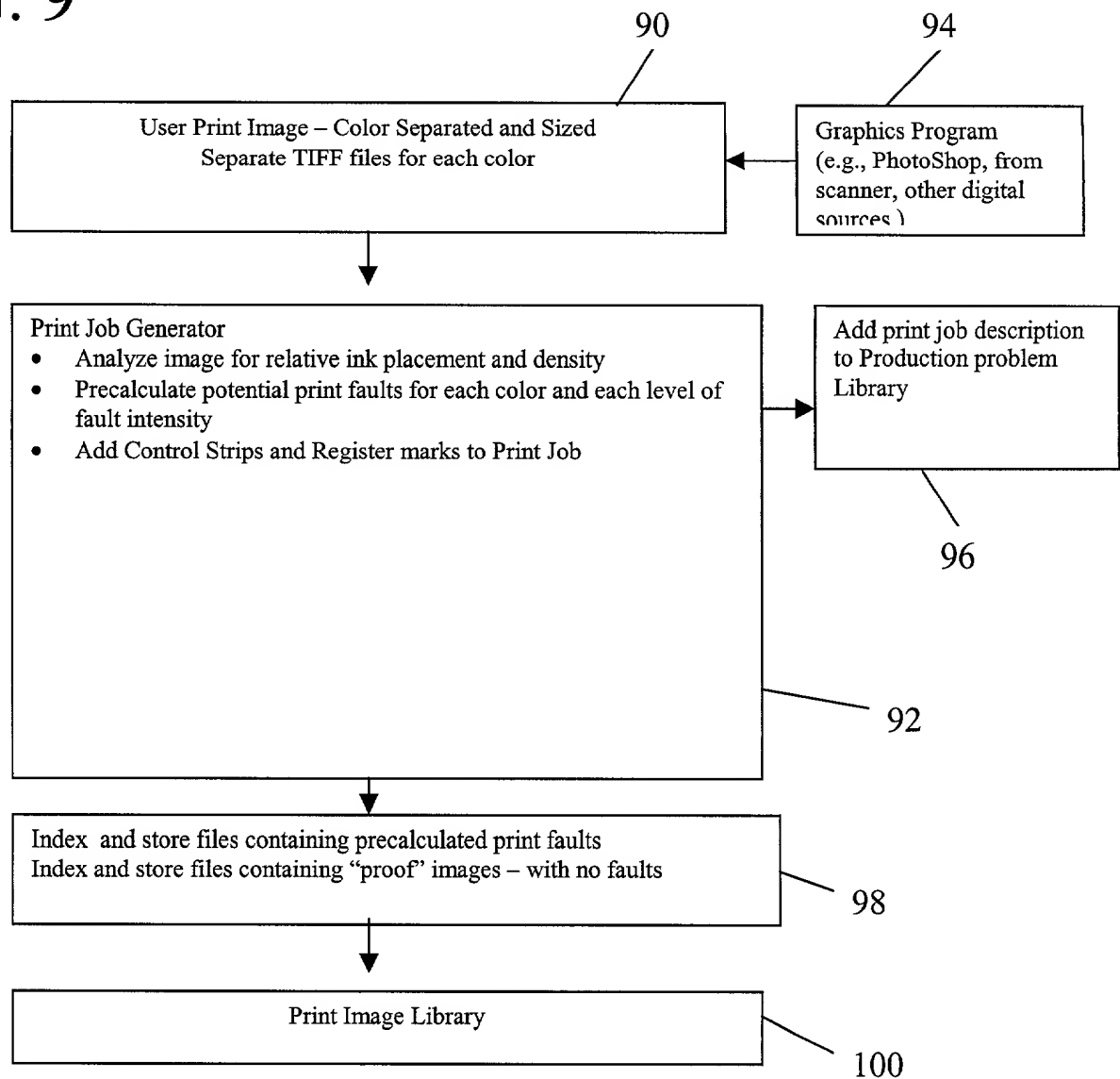


FIG. 10

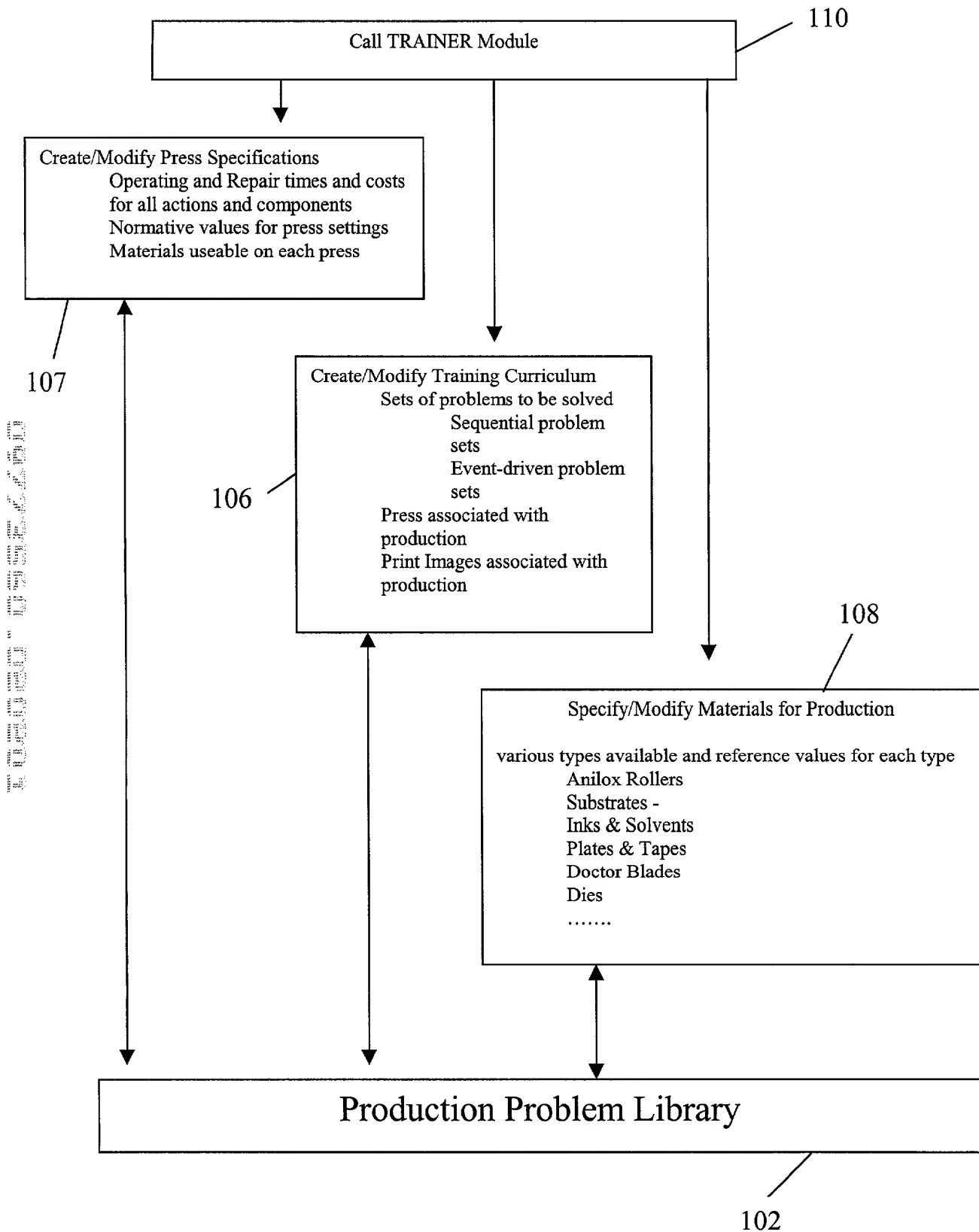


FIG. 11

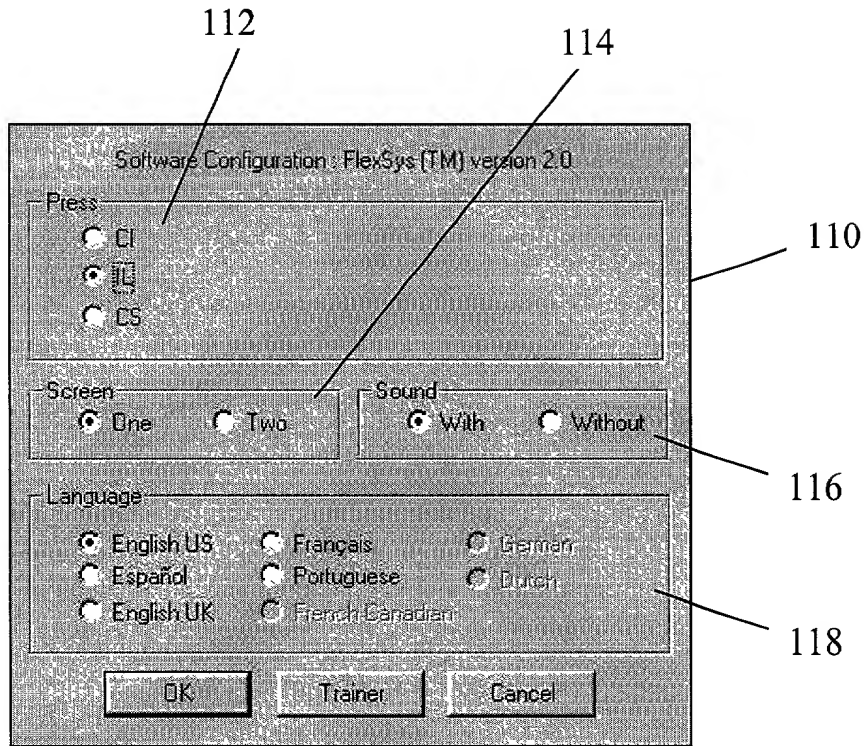
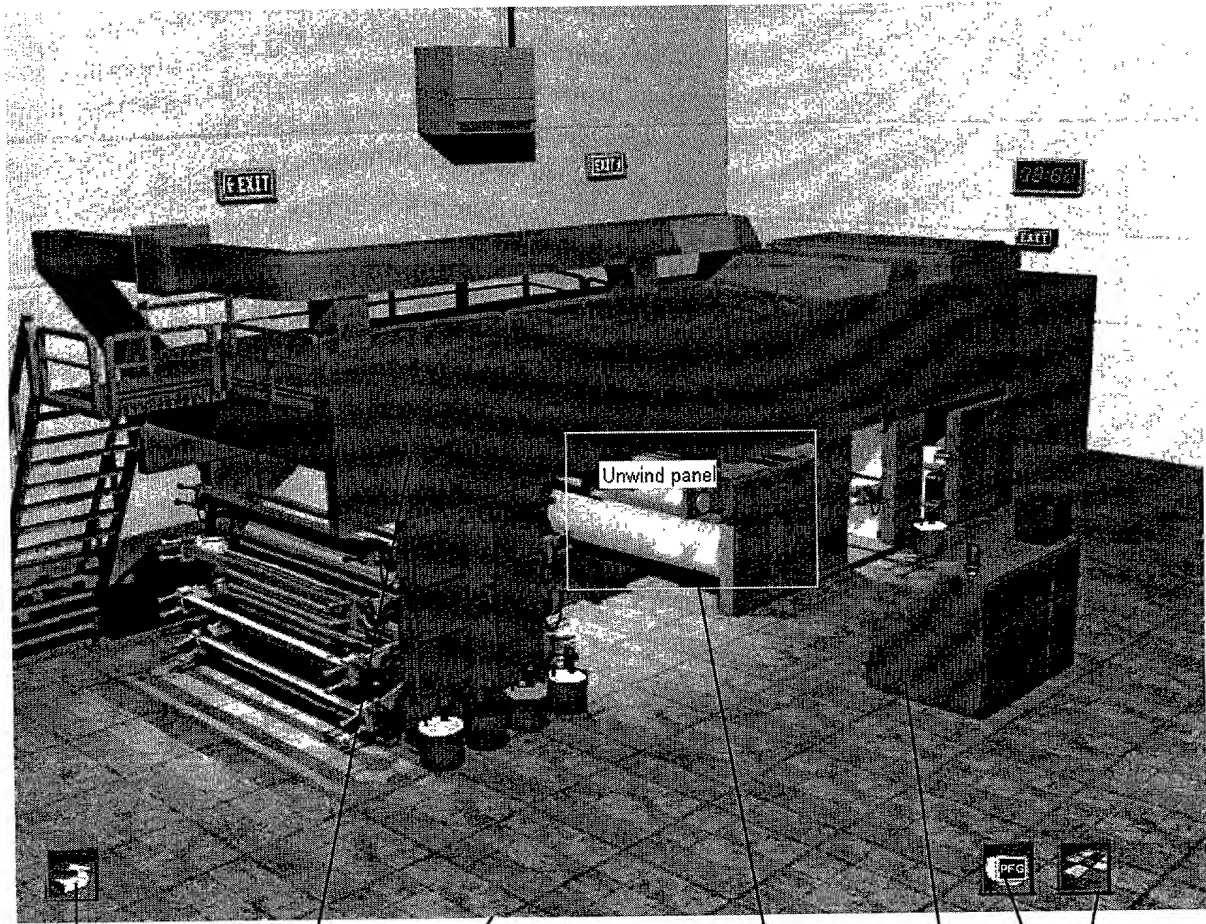


FIG. 12



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FIG. 13

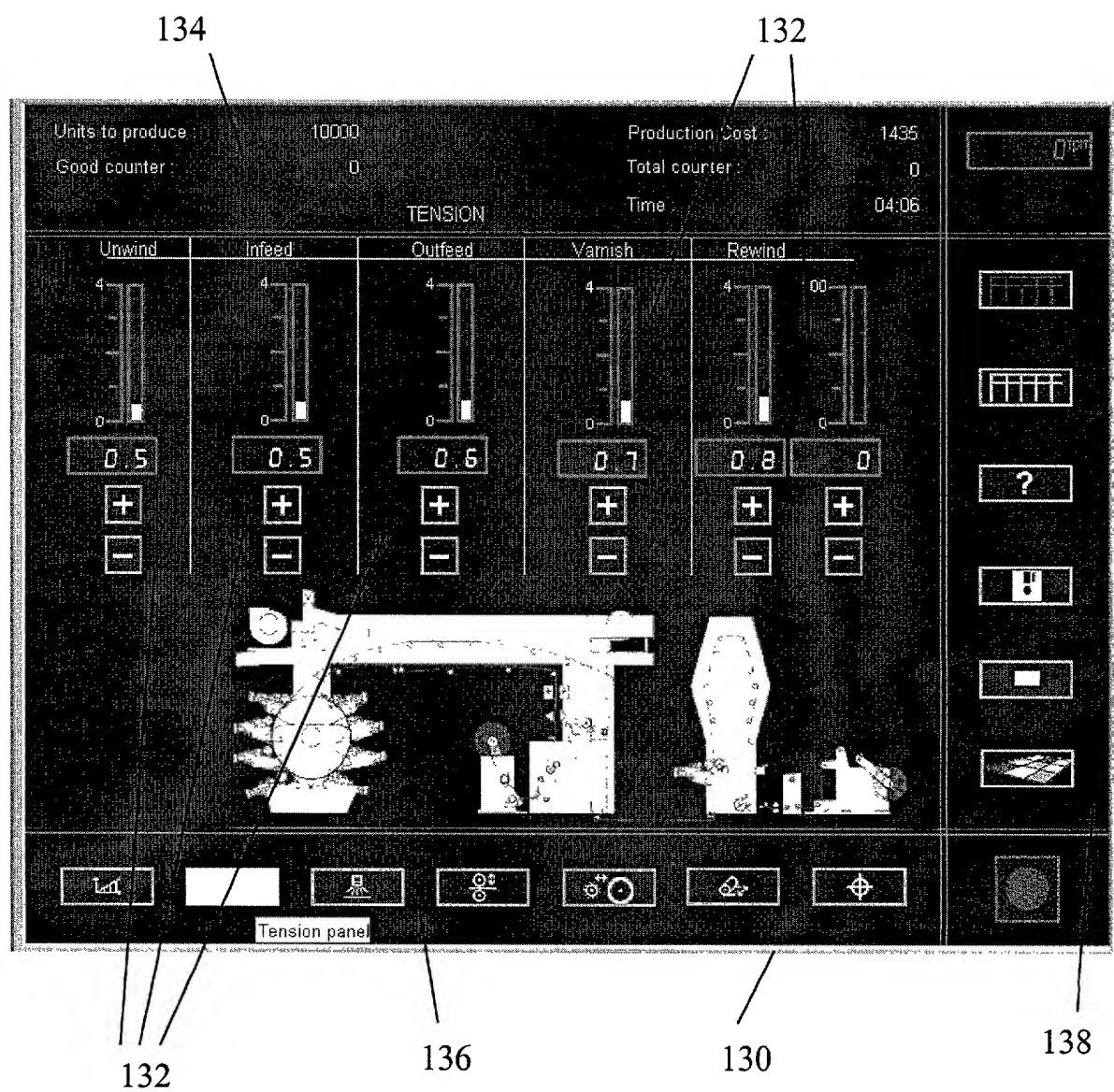


Fig. 14

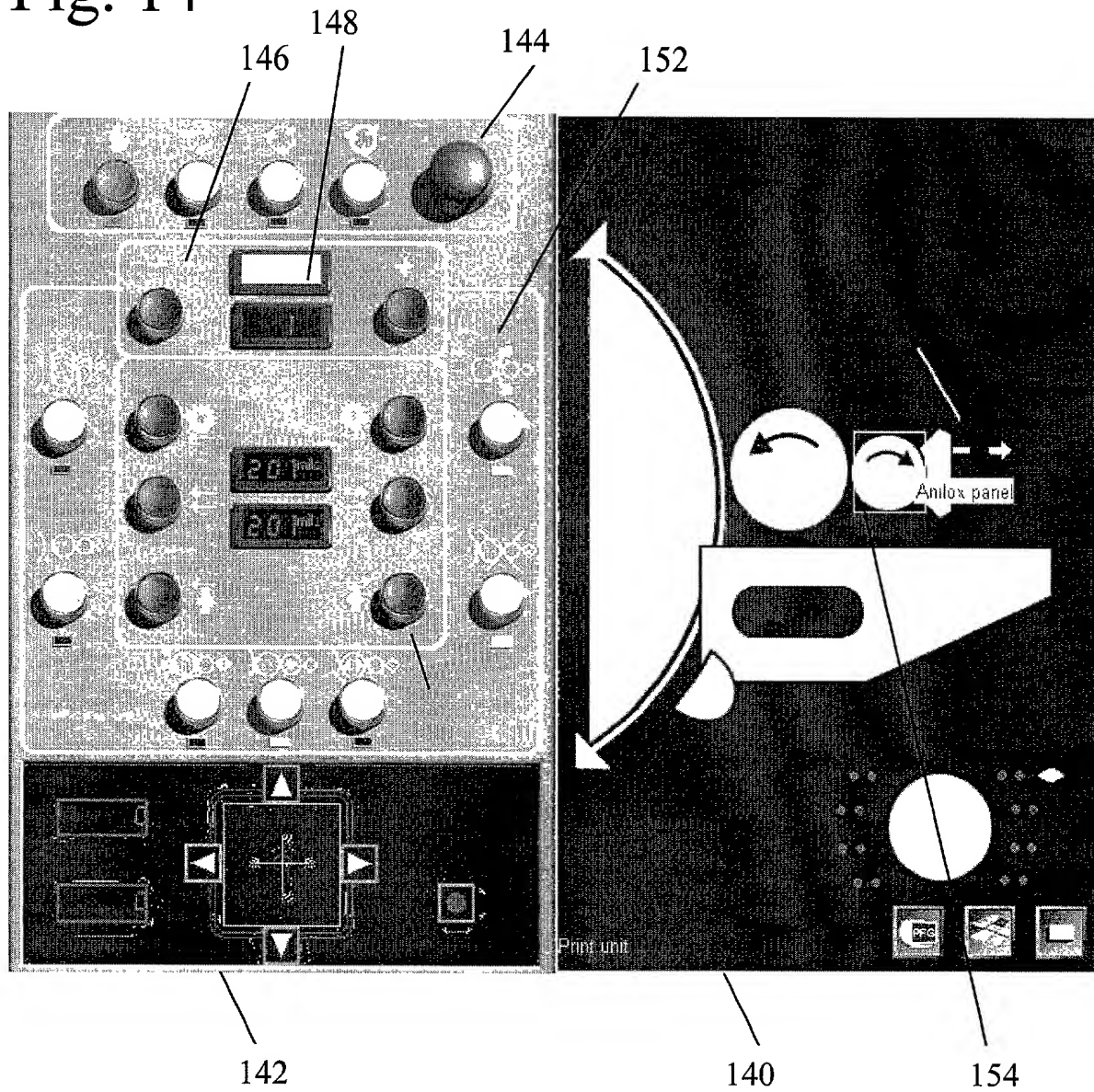


FIG. 15

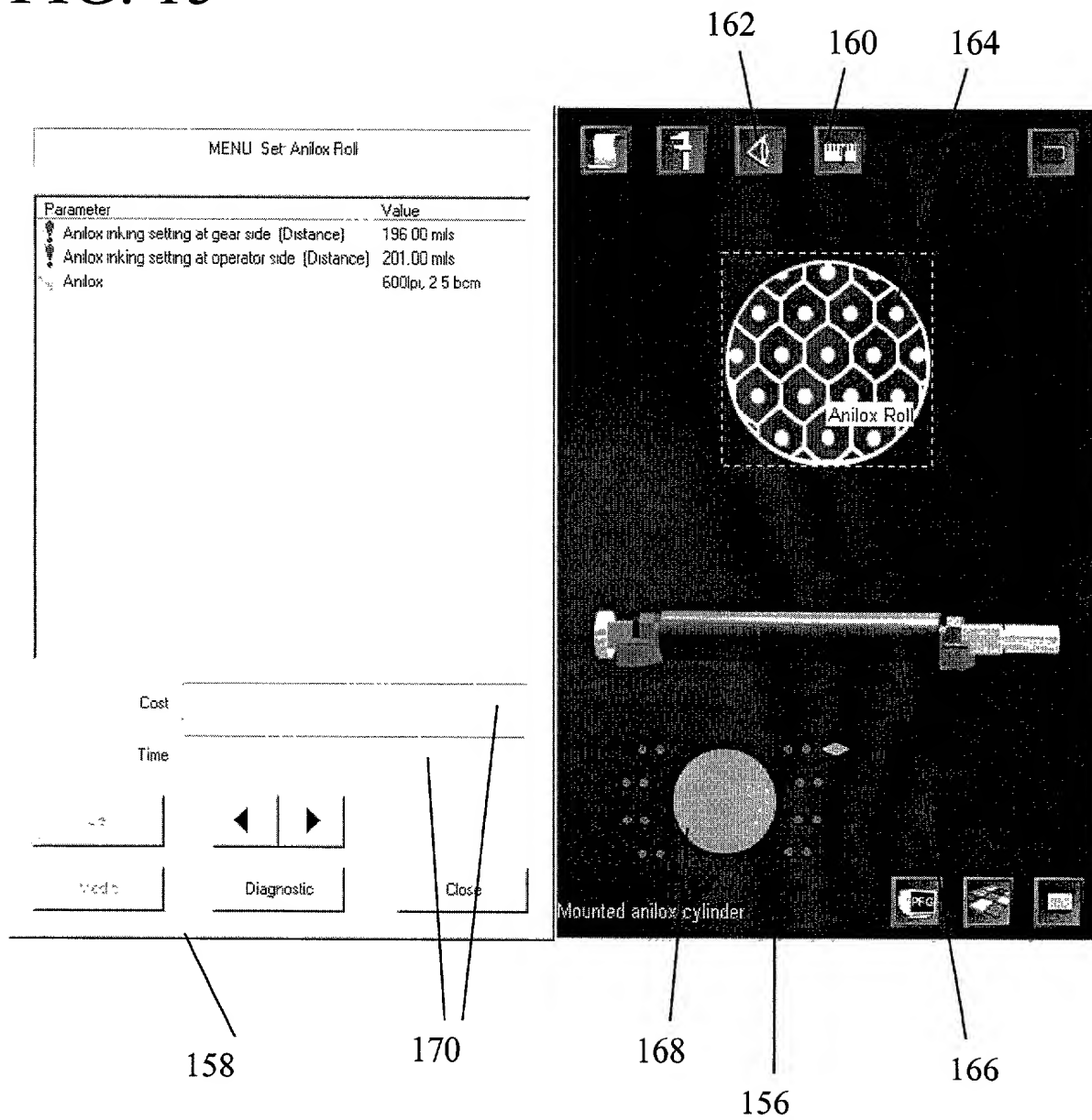


FIG. 16

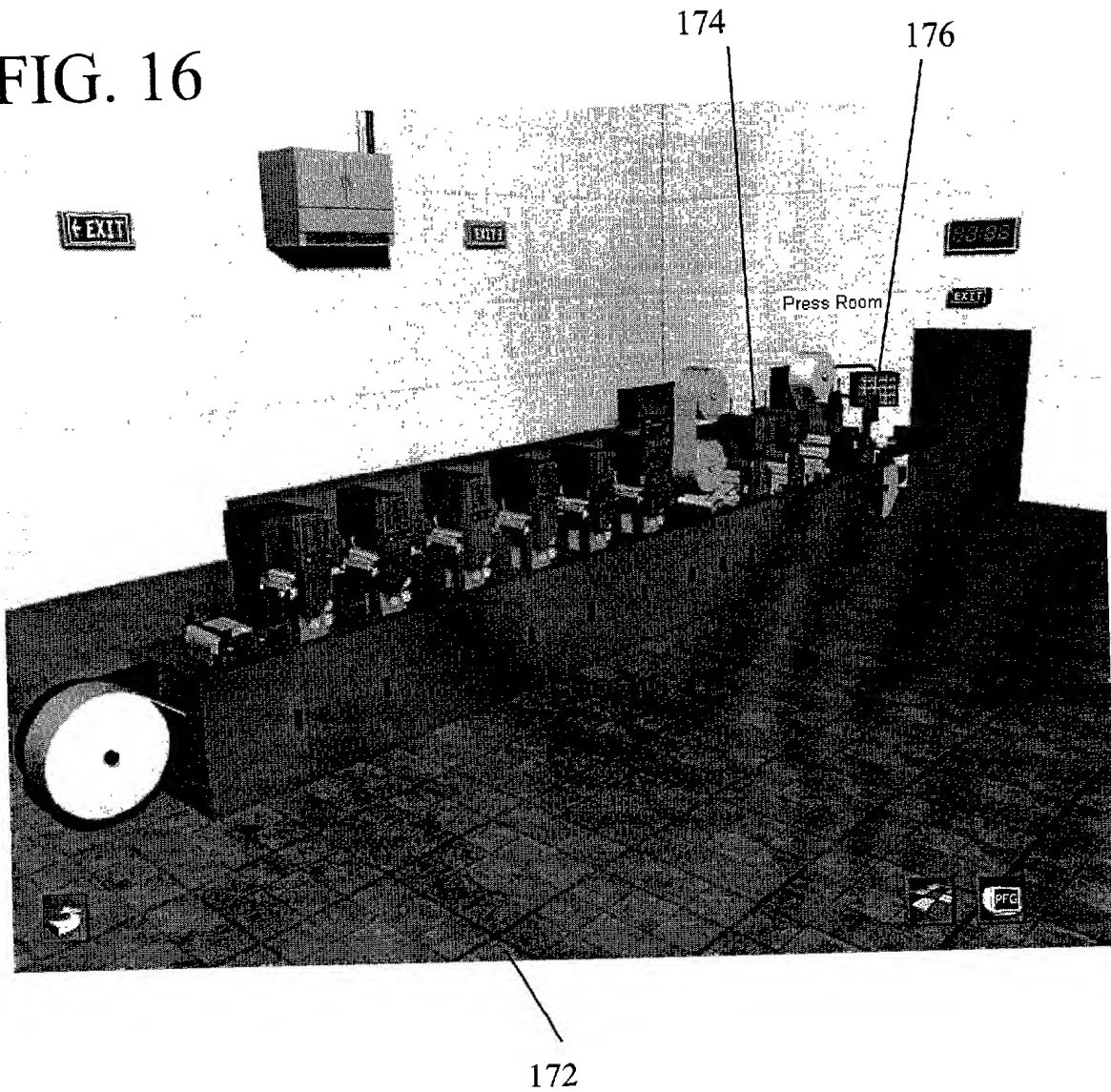
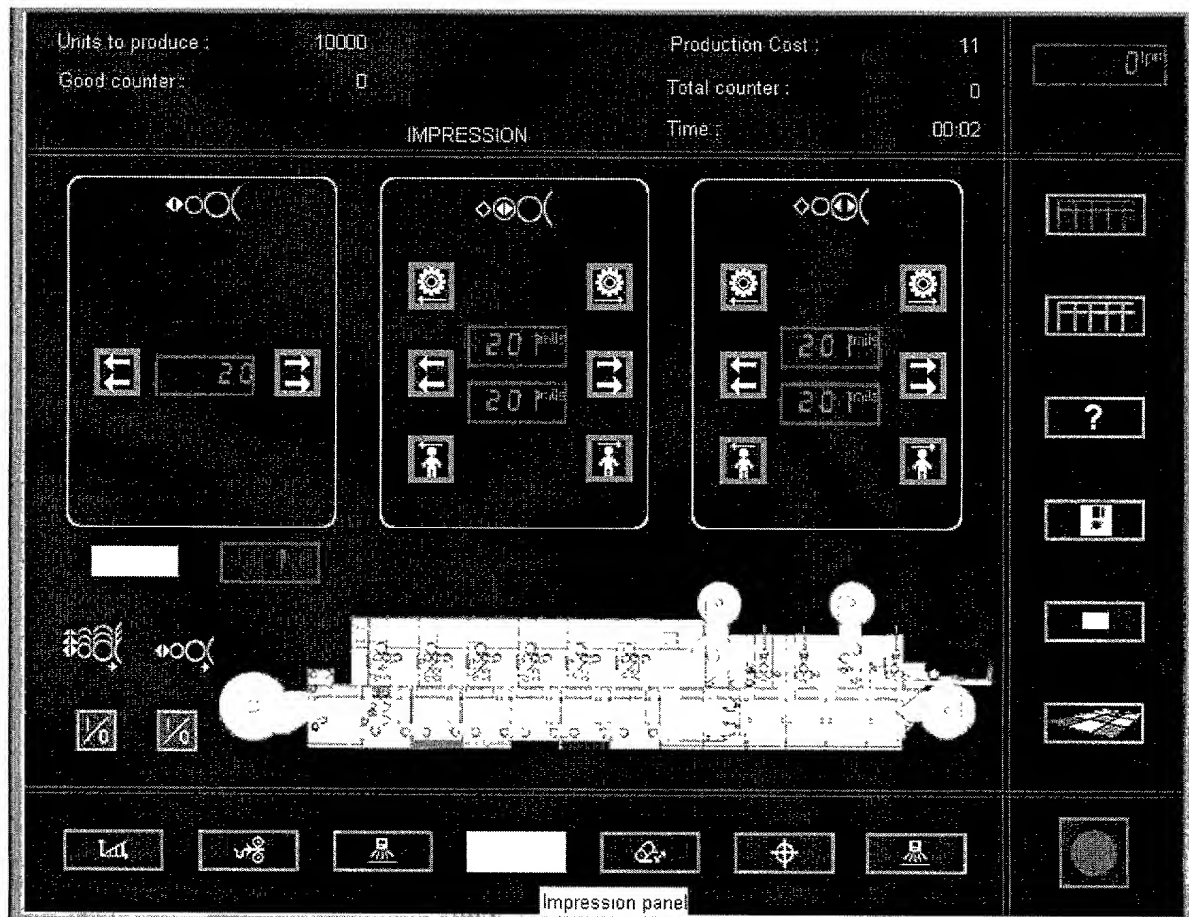


FIG. 17



178

FIG. 18



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FIG. 19

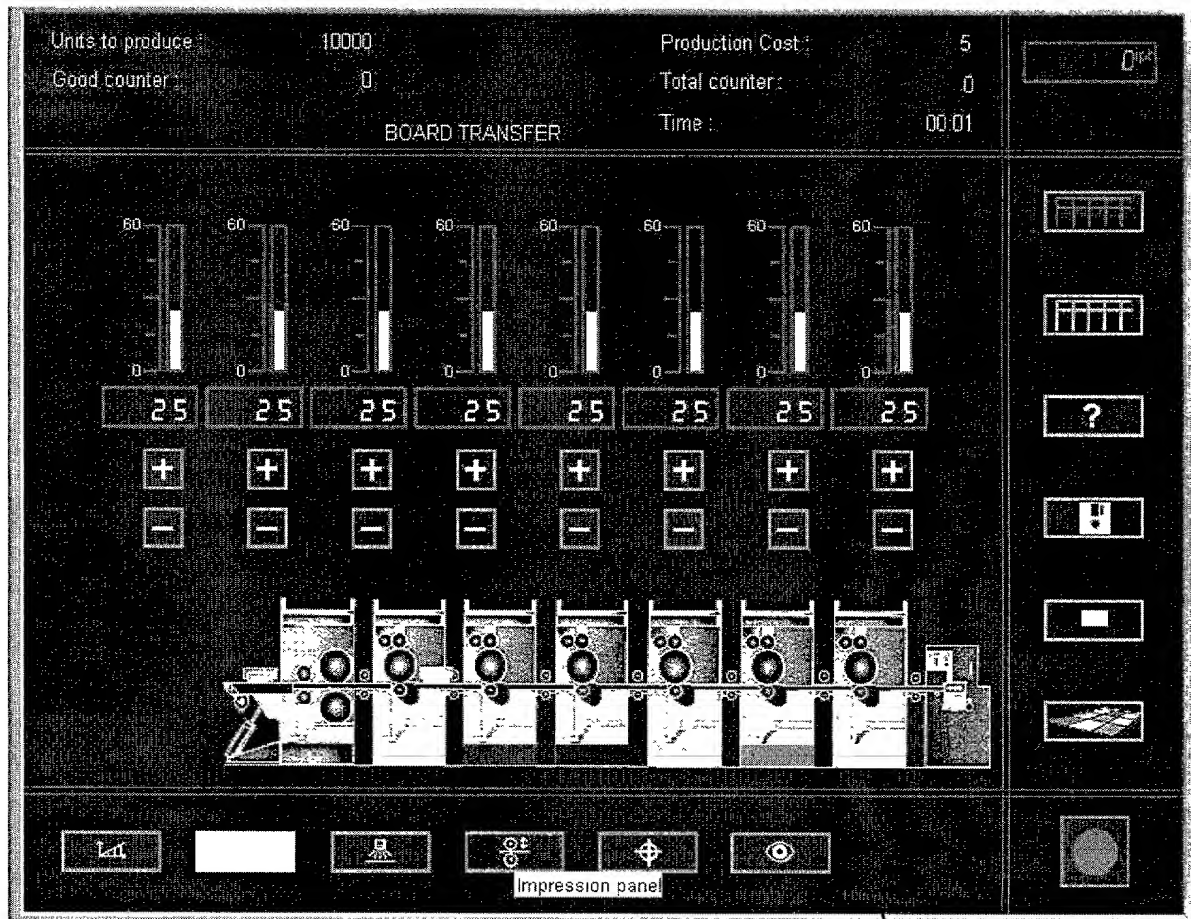


FIG. 20

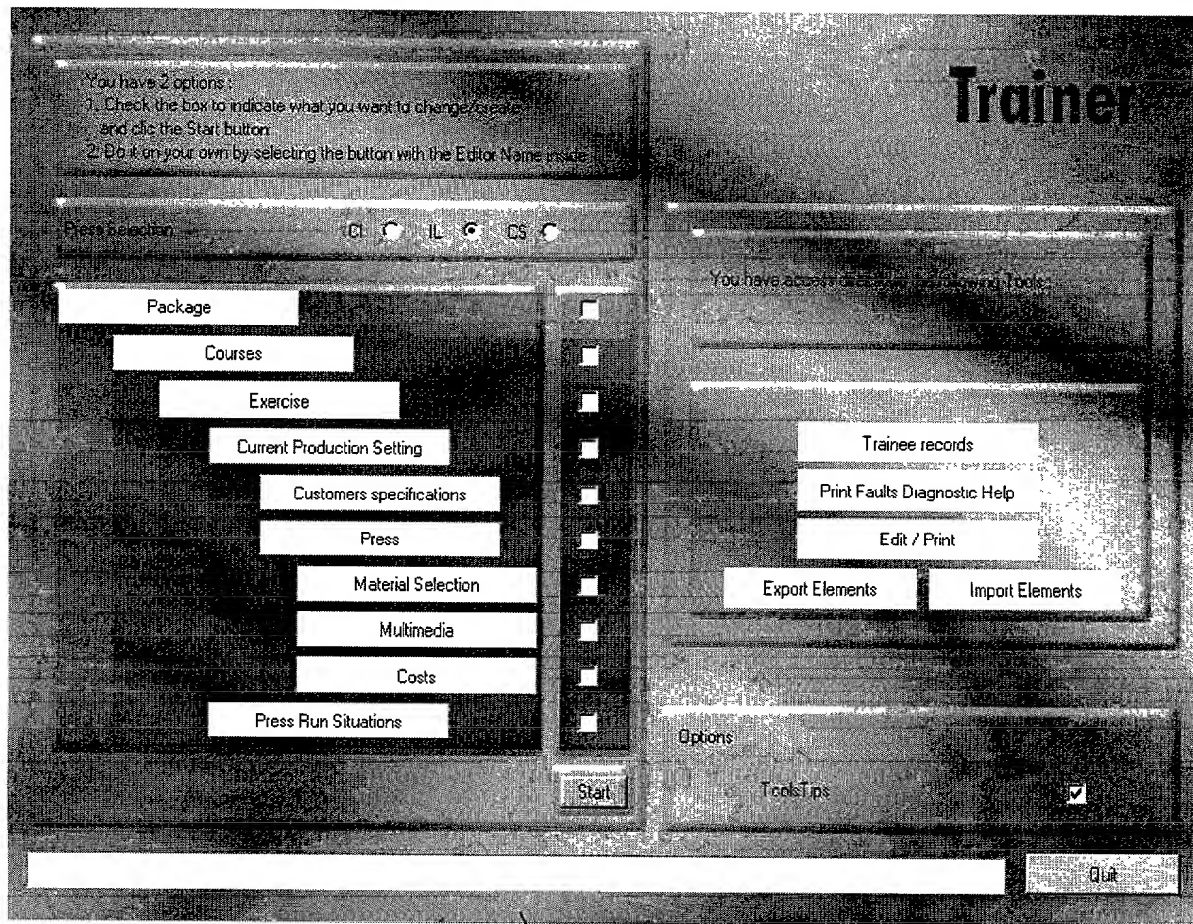
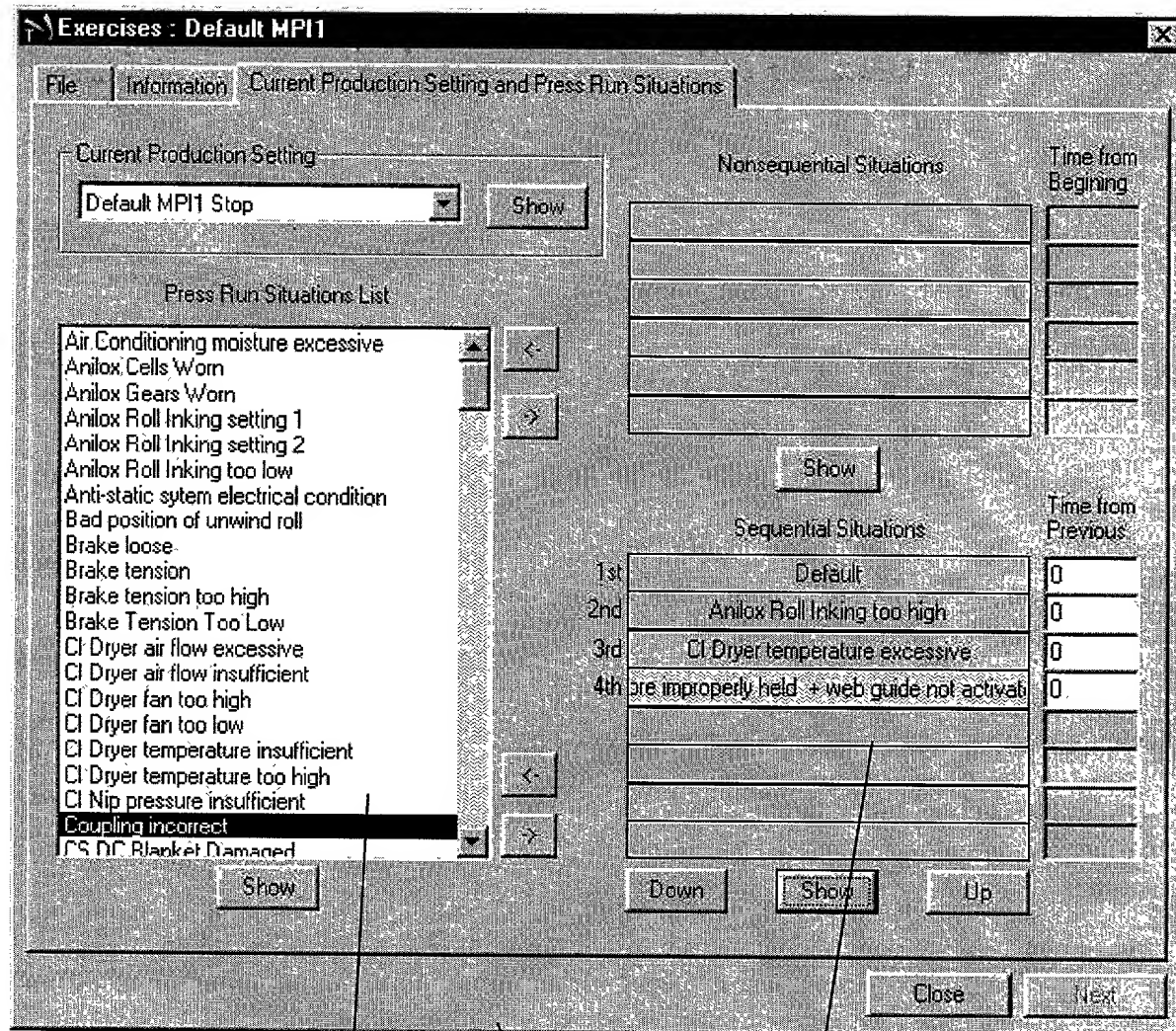


FIG. 21

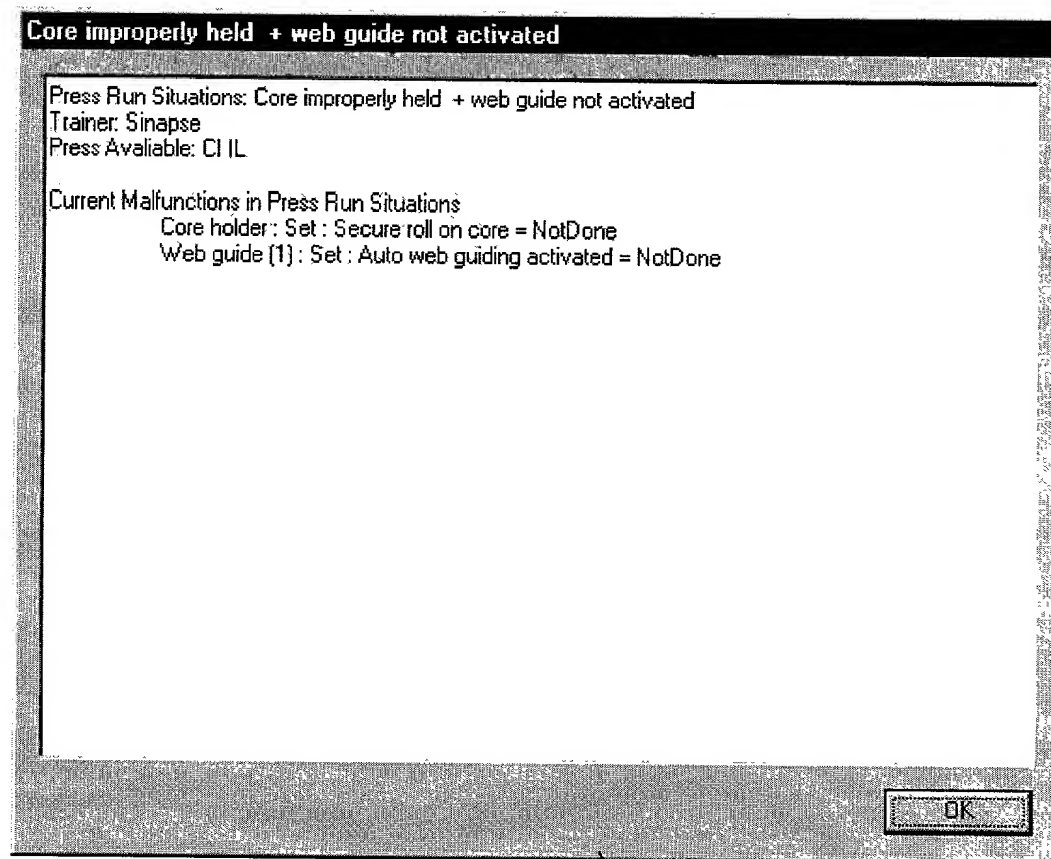


192

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FIG. 22



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FIG. 23

Materials Editor

Print plate cylinder | Printing Plate | Carrier sheet | Mounting tape | Die cutting cylinder
 Corrugated board | Paper / Board | Film | Foil | Ink | Fountain roll | Blade | Anilox roll

B flute bleach
 B Flute, Coated
 B Flute, Kraft
 B Flute, White Bleach
 C Flute, Bleach
 C Flute, Coated
 C Flute, Kraft
 Default
 E Flute, Coated
 E Flute, Kraft
E Flute, Uncoated
 E+B Double Wall, Coat
 E+C Double Wall, Coat
 F Flute, Coated
 Single wall F

Insert

Delete

Length: 64.960 inch
 Caliper: 100 mils
 Width: 88.582 inch
 Flute type: Single wall E flute
 Porosity: Low
 Roughness: Low
 Finish: Test liner white top
 Weight: 69 msf
 Color of the substrate: Color
 Wash board resistance: Sometimes washboard

Close Next

FIG. 24

Customers specifications : Default

Files | Material Selection

Press Reference: Default

Print Job Reference: First

Substrate reference material: Single wall F.CSB

Die material:

- 1: 96 T DIE
- 2: 96 T DIE
- 3: 96 T DIE

Graphic Separation Layer:

A B C D E F G H I

Color design: Process Yellow

Reference Settings:

Ink selection: Process Yellow WB.INK

Metering system: Chamber Doctor Blade syst

Blade material: Default.BLA

Fountain roll material: Default.FRI

Anilox material: 500lpi, 3.2bcm.ANI

Plate cylinder material: Default.PLC

Printing plate material: Polymer, .067inch, Med. D

Carrier sheet material: Default.CAR

Mounting tape material: 0.020 inch Medium Density

Screen angle: 15

Screen count: 110

Bouncing potential of the design: no

Ratio image area / non image area: 2

Close Next

200

FIG. 25

Package Name:

Basic Postprint exercises
Default
Exercises for version 2.1
FTA CI
FTA CS
FTA IL

Course Name:

Basic Die Cutter
Basic Lamination
Basic Slitter
Basic Waste Removal
New print jobs

Exercise Name:

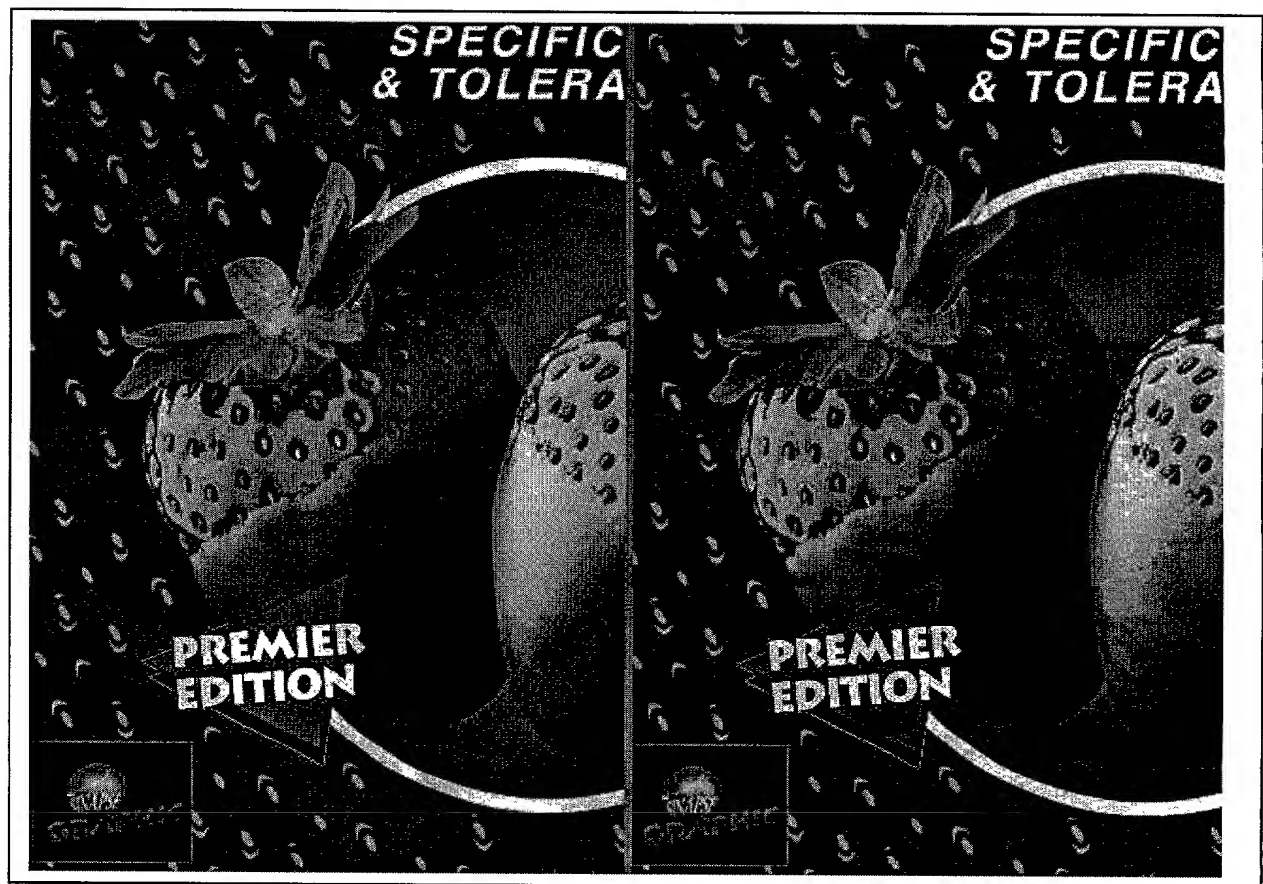
CS: CS DC Blanket Damaged
CS: CS DC Blanket Dirty
CS: CS DC Blanket Too Thick
CS: CS DC Blanket too thin
CS: CS DC Blanket Worn
CS: CS DC Register error
II: DC Anvil Gear worn

Your Name:

Start Cancel

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FIG. 26



206

204